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	Composition in terms of elements (% by weight)							Composition in terms of equivalent compounds (% by weight)					
	Y	Al	Si	C	N	O	H	Y_2O_3	Al_2O_3	Si_3N_4	SiC	SiO_2	C_{free}
Nanopowder A	2.9	0.7	57.1	9.7	22.4	6.5	0.7	3.7	1.3	56.5	27.3	9.6	1.6
Nanopowder B	1.4	1.6	42.5	32.5	10.8	11.2	-	1.8	3.0	27.2	25.6	17.6	24.8

FIG.1

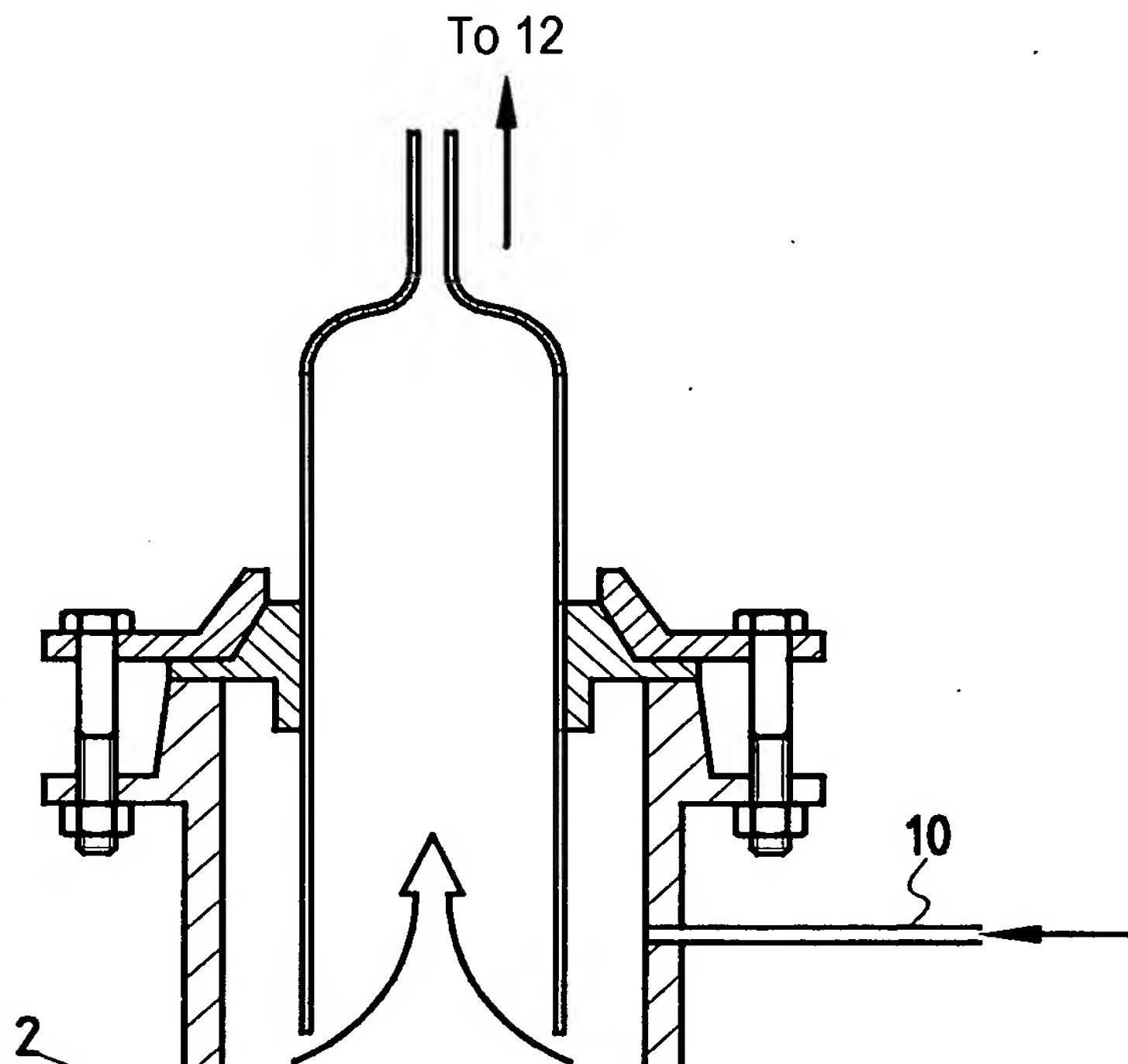
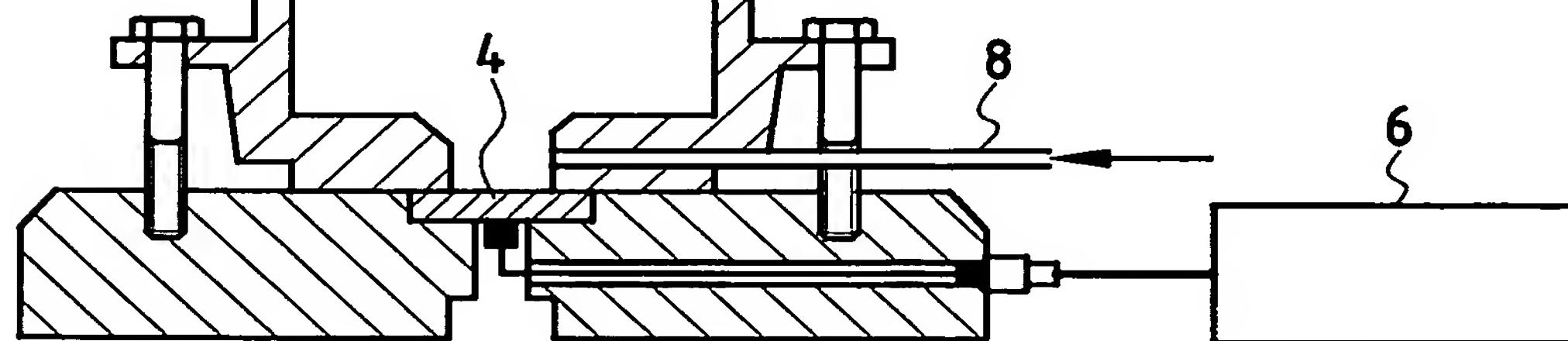


FIG.2



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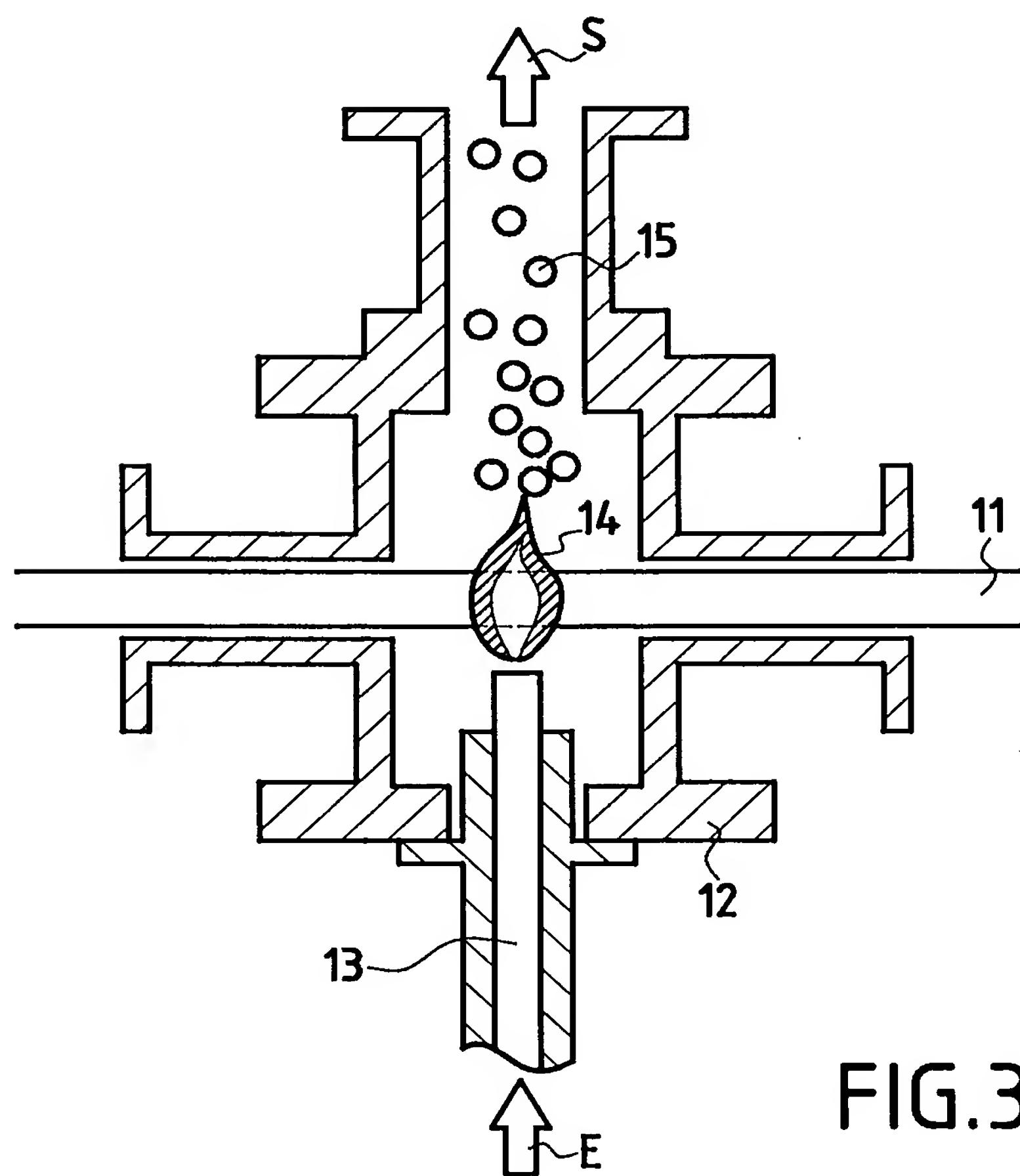
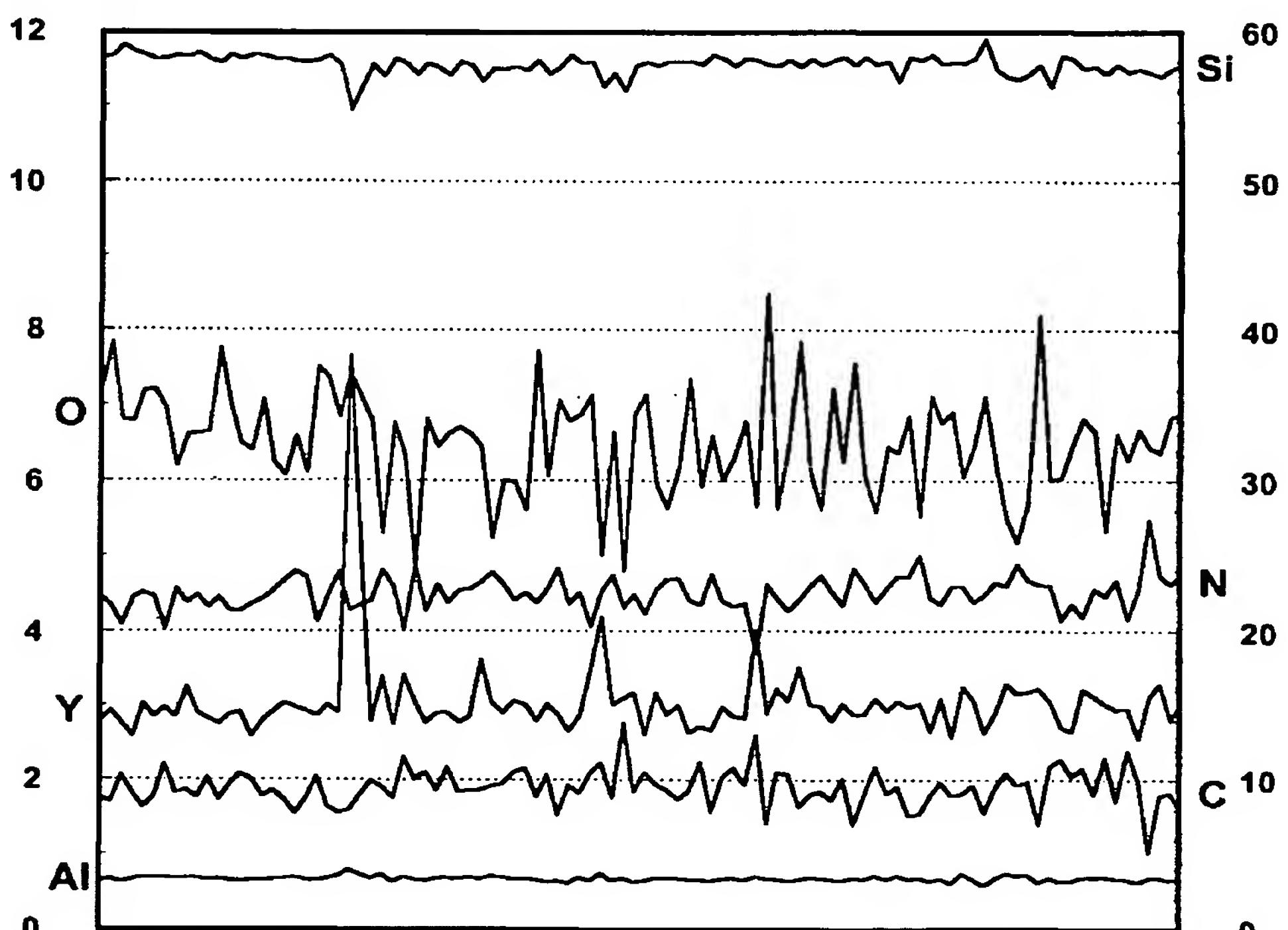


FIG.3

% by weight



100 analysis points

FIG.4

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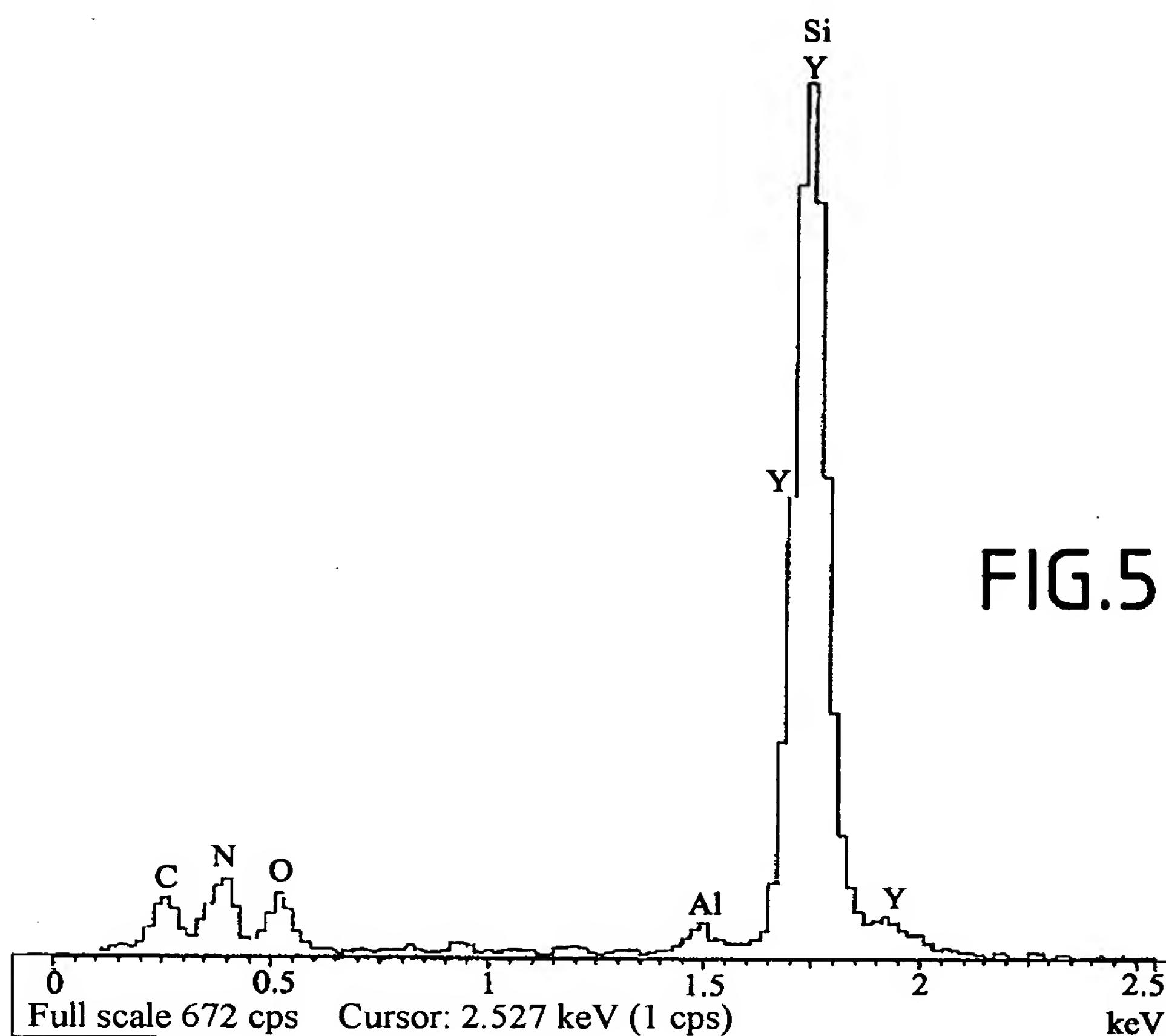


FIG.5

% of theoretical density

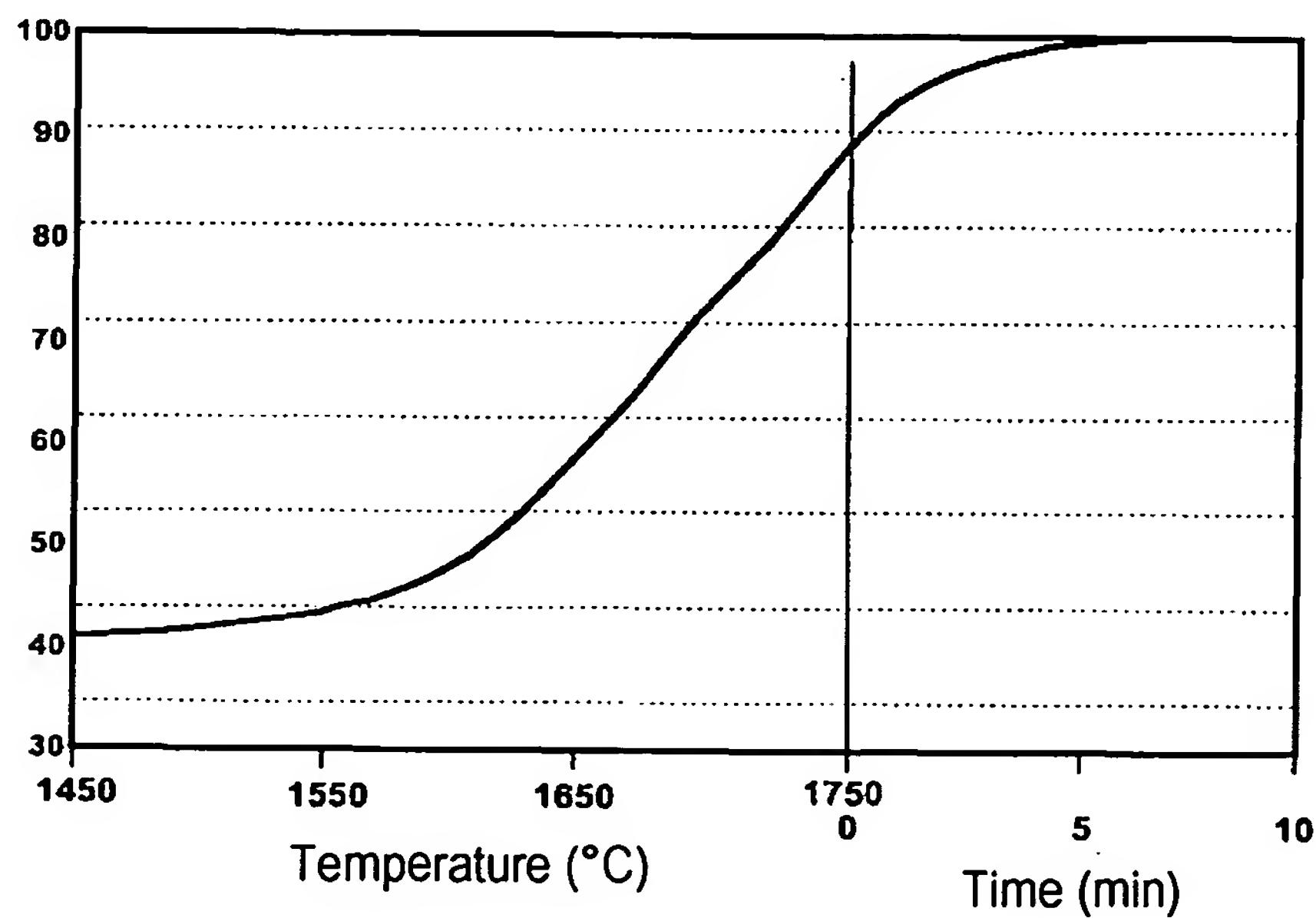


FIG.6